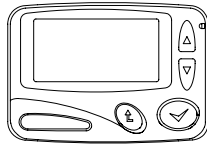


## M1501 SERVICE BULLETIN 07003



### **Release Notes Version 1.12, Build 5**

### **CRS has Released M1501 Firmware Version 1.12, Build 5 February 23, 2007**

#### **Bug Fixes**

- Under certain circumstances, M1501 would alert the same page multiple times. This issue has been identified and resolved in v1.12.
- Under certain circumstances, the M1501 would not transmit replies to group messages. This issue has been identified and resolved in v1.12.
- Under rare circumstances, the internal message database of the M1501 could become corrupted. This resulted in a number of different symptoms, such as messages that could not be deleted, messages that could not be read, or messages that were received but not displayed to the user. This issue has been identified and resolved in v1.12.
- Under very rare circumstances, the M1501 would enter a diagnostic mode while charging. This causing the pager to become inoperable until its battery was removed and replaced. This issue has been identified and resolved in v1.12.

#### **Features/Enhancements**

- M1501 personal messages now show the time received by the pager as well as the time entered into the system.
- The M1501 displays time and date correctly when roaming on the Skytel nationwide network.
- There is now a UI option to enter the time zone. This is useful for pagers roaming on the Skytel nationwide network. In local systems, the SPARKGAP™ controller will set this field automatically.
- Battery life and radio performance have been improved.
- Over-the-air-rekeying (OTAR) functionality has been improved, especially in areas of marginal coverage.
- UI System Information Page is improved. *[Note, an electronic serial number has been added to the M1501. For units manufactured prior to February 2007, the electronic serial number will show as 0. For units manufactured after February 2007, the electronic serial number will match the number on the rear label.]*



## Behavior/Protocol Changes

- Failure to successfully transmit a message or response from the M1501 into the network will no longer cause the M1501 to lose registration.
- The M1501 now alerts the user upon failure to successfully transmit a message.

## Update Instructions

1. Download the auto-updater from <http://www.sparkgap.critresp.com/M1501Firmware/>
2. From the **File->Active Ports** menu, select the port that is connected to your M1599 charger.
3. Press the **Run** button at the bottom of the main page.
4. Click **OK** on the "Please Wait while the File is Downloaded" pop-up box, then wait for the "Done Downloading" pop-up box, and click **OK** again.
5. In your M1501 Pager, select **DEVICE SETTINGS**, then **System Settings**, then **Serial Port Mode**, and select **Debug Mode**.
6. Place your pager into the M1599, and wait for 1-2 minutes for the program to update its firmware. At the conclusion of this process, the pager will illuminate its GREEN alert lamp.
7. Remove the pager. It is now updated to Version 1.12, build 5.

### **DO NOT REMOVE YOUR PAGER UNTIL IT ILLUMINATES ITS GREEN LAMP.**

If you have any questions, please call Brian Claise at CRS, 770-441-9559.